SUBJECT INDEX

Accounting

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Architect/engineers

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Audits

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Benefit cost analysis

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Bids

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Bonds, contracts

Surety Industry: Overview, Jeffrey S. Russell, ME July 90 p323-341.

Buses

Practical Implementation of Total Productivity Model in Bus System, David J. Sumanth and Bakulesh Adya, ME Apr. 90 p221-234.

Capital improvement

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Case reports

Hypothetical Case History Related to Professional Liability Loss, William W. Beck, Jr., ME Apr. 90 p203-210.

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Civil engineers

Practitioners in Classroom: Viable Tool in Civil Engineering Education, James W. Poirot, ME Oct. 90 p388-393.

Claims

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Communication

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Competition

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Partnering: Contracting for the Future, E. Lynn Cook and Donn E. Hancher, ME Oct. 90 p431-446.

Computer applications

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Computer hardware

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

Computer software

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

Computerization

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

Computerized design

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

Conflict

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Construction

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Construction companies

Surety Industry: Overview, Jeffrey S. Russell, ME July 90 p323-341.

Construction industry

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Partnering: Contracting for the Future, E. Lynn Cook and Donn E. Hancher, ME Oct. 90 p431-446.

Surety Industry: Overview, Jeffrey S. Russell, ME July 90 p323-341.

Construction management

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

CPM Use in ENR Top 400 Contractors, Amir Tavakoli and Roger Riachi, ME July 90 p282-295.

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Construction methods

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Construction planning

Decision-Making Roles in Project Planning, Alexander Laufer, ME Oct. 90 p416-430.

Consultants

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Consulting engineers

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Contingency

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Contracting

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Partnering: Contracting for the Future, E. Lynn Cook and Donn E. Hancher, ME Oct. 90 p431-446.

Contractors

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

Model for Owner Prequalification of Contractors, Jeffrey S. Russell, ME Jan. 90 p59-75.

Contracts

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Cooperation

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Understanding and Managing Public/Private Partnerships, Stephen C. Mitchell, ME Jan. 90 p29-38.

Cost analysis

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Cost estimates

Quantifying Variations in Project-Cost Estimates, Robert M. Bradley, Michael G. Powell and Michael R. Soulsby, ME Jan. 90 p99-106.

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Critical path method

CPM Use in ENR Top 400 Contractors, Amir Tavakoli and Roger Riachi, ME July 90 p282-295.

Database management systems

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Decision making

Decision-Making Roles in Project Planning, Alexander Laufer, ME Oct. 90 p416-430.

Model for Owner Prequalification of Contractors, Jeffrey S. Russell, ME Jan. 90 p59-75.

Quantifying Variations in Project-Cost Estimates, Robert M. Bradley, Michael G. Powell and Michael R. Soulsby, ME Jan. 90 p99-106.

Design

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Design modifications

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Developing countries

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Development

Managing Civil Engineering Innovation: An Interview, William D. Lockwood and Melville Hensey, ME July 90 p313-322.

Economic analysis

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Economics

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Engineering

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Engineering education

Practitioners in Classroom: Viable Tool in Civil Engineering Education, James W. Poirot, ME Oct. 90 p388-393.

Engineering firms

Entrepreneurs in Engineering Organizations, John L. Payne, ME Apr. 90 p152-156.

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Engineering profession

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Engineers

Entrepreneurs in Engineering Organizations, John L. Payne, ME Apr. 90 p152-156.

Entrepreneurship

Entrepreneurs in Engineering Organizations, John L. Payne, ME Apr. 90 p152-156.

Equipment

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Evaluation

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Examination

Application of Observational Method to Hazardous Waste Engineering, Stuart M. Brown, David R. Lincoln and William A. Wallace, ME Oct. 90 p479-500.

Expert witness

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Federal project policy

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Fees

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Financial management

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Financial reports

Financial Issues in Engineering Management: Interview, D. Hugh Taylor and Melville Hensey, ME Apr. 90 p157-161.

Financing

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Funding allocations

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Government

Understanding and Managing Public/Private Partnerships, Stephen C. Mitchell, ME Jan. 90 p29-38.

Government agencies

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Group communication

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Hazardous waste

Application of Observational Method to Hazardous Waste Engineering, Stuart M. Brown, David R. Lincoln and William A. Wallace, ME Oct. 90 p479-500.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

High technology

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Human behavior

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Incentives

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Information

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Infrastructure

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Innovation

Managing Civil Engineering Innovation: An Interview, William D. Lockwood and Melville Hensey, ME July 90 p313-322.

Interactions

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Interconnected systems

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Inventories

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Japan

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Liability

Hypothetical Case History Related to Professional Liability Loss, William W. Beck, Jr., ME Apr. 90 p203-210.

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Liability insurance

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Life cycles

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Litigation

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Loss reduction

Hypothetical Case History Related to Professional Liability Loss, William W. Beck, Jr., ME Apr. 90 p203-210.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Maintenance

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Management

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Managing Civil Engineering Innovation: An Interview, William D. Lockwood and Melville Hensey, ME July 90 p313-322.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Performance Evaluations: Key to People Development, Everett S. Thompson, ME Oct. 90 p373-377.

Practitioners in Classroom: Viable Tool in Civil Engineering Education, James W. Poirot, ME Oct. 90 p388-393.

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Management methods

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Management planning

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Management systems

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Managers

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Performance Evaluations: Key to People Development, Everett S. Thompson, ME Oct. 90 p373-377.

Measurement

Practical Implementation of Total Productivity Model in Bus System, David J. Sumanth and Bakulesh Adya, ME Apr. 90 p221-234.

Models

Model for Owner Prequalification of Contractors, Jeffrey S. Russell, ME Jan. 90 p59-75.

Monitoring

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

Objectives

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Organization theory

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Organizational policy

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Organizations

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Overhead

Consulting Engineer's View of Governmental Overhead and Audits, Delon Hampton, ME Apr. 90 p145-151.

Owners

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Integration: Emerging Management Challenge, C. B. Tatum, ME Jan. 90 p47-58.

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

Model for Owner Prequalification of Contractors, Jeffrey S. Russell, ME Jan. 90 p59-75.

Partnerships

Partnering: Contracting for the Future, E. Lynn Cook and Donn E. Hancher, ME Oct. 90 p431-446.

Peer review

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Performance

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Performance evaluation

Performance Evaluations: Key to People Development, Everett S. Thompson, ME Oct. 90 p373-377.

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Performance standards

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Personnel development

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Entrepreneurs in Engineering Organizations, John L. Payne, ME Apr. 90 p152-156.

Performance Evaluations: Key to People Development, Everett S. Thompson, ME Oct. 90 p373-377.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Personnel management

Entrepreneurs in Engineering Organizations, John L. Payne, ME Apr. 90 p152-156.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Performance Evaluations: Key to People Development, Everett S. Thompson, ME Oct. 90 p373-377.

Planning

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Pricing

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Private sector

Understanding and Managing Public/Private Partnerships, Stephen C. Mitchell, ME Jan. 90 p29-38.

Privatization

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Understanding and Managing Public/Private Partnerships, Stephen C. Mitchell, ME Jan. 90 p29-38.

Probability

Quantifying Variations in Project-Cost Estimates, Robert M. Bradley, Michael G. Powell and Michael R. Soulsby, ME Jan. 90 p99-106.

Process control

Managing Civil Engineering Innovation: An Interview, William D. Lockwood and Melville Hensey, ME July 90 p313-322.

Productivity

Practical Implementation of Total Productivity Model in Bus System, David J. Sumanth and Bakulesh Adya, ME Apr. 90 p221-234.

Professional advancement

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Professional practice

Hypothetical Case History Related to Professional Liability Loss, William W. Beck, Jr., ME Apr. 90 p203-210.

Practitioners in Classroom: Viable Tool in Civil Engineering Education, James W. Poirot, ME Oct. 90 p388-393.

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Professional role

Hypothetical Case History Related to Professional Liability Loss, William W. Beck, Jr., ME Apr. 90 p203-210.

Practitioners in Classroom: Viable Tool in Civil Engineering Education, James W. Poirot, ME Oct. 90 p388-393.

Profits

FLEET: Equipment Management System, Amir Tavakoli, Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90 p211-220.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Project control

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

Project evaluation

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Project management

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

Project Performance Evaluation Checklist for Consulting Engineers, William W. Wuellner, ME July 90 p270-281.

Project managers

Decision-Making Roles in Project Planning, Alexander Laufer, ME Oct. 90 p416-430.

Project planning

Decision-Making Roles in Project Planning, Alexander Laufer, ME Oct. 90 p416-430.

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Projects

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Essentials of Project Planning: Owner's Perspective, Alexander Laufer, ME Apr. 90 p162-176.

Quantifying Variations in Project-Cost Estimates, Robert M. Bradley, Michael G. Powell and Michael R. Soulsby, ME Jan. 90 p99-106.

Public policy

Understanding and Managing Public/Private Partnerships, Stephen C. Mitchell, ME Jan. 90 p29-38.

Public works

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Cost Comparison Model for Contracting Out Government Services, David A. Jarrell and Miroslaw J. Skibniewski, ME July 88 p260-271.

Quality assurance

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Quality control

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Looking Back at Design, Looking Forward to Construction, C. D. Brown and H. R. Beaton, ME July 90 p342-349.

Setting and Meeting Requirements for Quality, Arthur W. Saarinen, Jr. and Marlene A. Hobel, ME Apr. 90 p177-185.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Why Project Peer Review? George D. Gustafson, ME July 90 p350-354.

Rehabilitation

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Reliability

Quantifying Variations in Project-Cost Estimates, Robert M. Bradley, Michael G. Powell and Michael R. Soulsby, ME Jan. 90 p99-106.

Renovation

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Research

Application of Observational Method to Hazardous Waste Engineering, Stuart M. Brown, David R. Lincoln and William A. Wallace, ME Oct. 90 p479-500.

Research and development

Managing Civil Engineering Innovation: An Interview, William D. Lockwood and Melville Hensey, ME July 90 p313-322.

Resource management

Practical Implementation of Total Productivity Model in Bus System, David J. Sumanth and Bakulesh Adya, ME Apr. 90 p221-234.

Reviewing

Framework for Design-Quality-Review Data-Base System, James D. Lutz, Donn E. Hancher and E. William East, ME July 90 p296-312.

Risk

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Risk allocation

Comparative Study of BOT Projects, Robert L. K. Tiong, ME Jan. 90 p107-122.

Risk analysis

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Risk management

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Scheduling

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

Schools

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Selection

A/E Selection Process for Public-School Districts, E. Louis Overstreet, ME Oct. 90 p447-457.

Model for Owner Prequalification of Contractors, Jeffrey S. Russell, ME Jan. 90 p59-75.

State laws

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Statistical analysis

Risks, Classification of Estimates, and Contingency Management, K. T. Yeo, ME Oct. 90 p458-470.

Surveys, data collection

CPM Use in ENR Top 400 Contractors, Amir Tavakoli and Roger Riachi, ME July 90 p282-295.

Investigation Into Construction Disputes, Charles T. Jahren and Bruce F. Dammeier, ME Jan. 90 p39-46.

Survey of Quality-Assurance Procedures Within Consultant Industry, John E. Shively, ME Oct. 90 p378-387.

Teamwork

Circular Organizational Structure for Project Teams, W. P. S. Dias, ME Oct. 90 p471-478.

Competition Leads to Losing, Frank Pierce Johnson, ME July 90 p258-261.

Margin of Profit: Teamwork, William E. Norris, ME Jan. 90 p20-28.

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Tort laws

The Liability Crisis—Revisited, Milton F. Lunch, ME Apr. 90 p197-202.

Transportation engineering

Effective Progress Scheduling and Control for Construction Projects, Amir Tavakoli, ME Jan. 90 p87-98.

Transportation systems

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Practical Implementation of Total Productivity Model in Bus System, David J. Sumanth and Bakulesh Adya, ME Apr. 90 p221-234.

Trends

CAD/CAE in Construction: Trends, Problems, and Needs, K. C. Choi and C. W. Ibbs, ME Oct. 90 p394-415.

CPM Use in ENR Top 400 Contractors, Amir Tavakoli and Roger Riachi, ME July 90 p282-295.

Organizational Design: Some Helpful Notions, Melville Hensey, ME July 90 p262-269.

Partnering: Contracting for the Future, E. Lynn Cook and Donn E. Hancher, ME Oct. 90 p431-446.

Uncertainty analysis

Application of Observational Method to Hazardous Waste Engineering, Stuart M. Brown, David R. Lincoln and William A. Wallace, ME Oct. 90 p479-500.

Underwriting

Surety Industry: Overview, Jeffrey S. Russell, ME July 90 p323-341.

Urban areas

Life-Cycle Considerations in Urban Infrastructure Engineering, David Novick, ME Apr. 90 p186-196.

Waste disposal

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

Waste site cleanup

Application of Observational Method to Hazardous Waste Engineering, Stuart M. Brown, David R. Lincoln and William A. Wallace, ME Oct. 90 p479-500.

Pricing Hazardous-Waste Risk, Andrew J. Frano, ME Jan. 90 p76-86.

AUTHOR INDEX

Adya, Bakulesh
see Sumanth, David J., ME Apr. 90, p221-234

Beaton, H. R.
see Brown, C. D., ME July 90, p342-349

Beck, William W., Jr.
Hypothetical Case History Related to Professional Liability Loss, ME Apr. 90, p203-210

Bradley, Robert M.
Quantifying Variations in Project-Cost Estimates, with Michael G. Powell and Michael R. Soulsby, ME Jan. 90, p99-106

Brown, C. D.
Looking Back at Design, Looking Forward to Construction, with H. R. Beaton, ME July 90, p342-349

Brown, Stuart M.
Application of Observational Method to Hazardous Waste Engineering, with David R. Lincoln and William A. Wallace, ME Oct. 90, p479-500

Cerotsky, Ken
disc. (of Cost Comparison Model for Contracting Out Government Services, by David A. Jarrell and Miroslaw J. Skibniewski, ME July 88, p260-271), ME Jan. 90, p124-128

Choi, K. C.
CAD/CAE in Construction: Trends, Problems, and Needs, with C. W. Ibbs, ME Oct. 90, p394-415

Collyard, Cynthia S.
see Tavakoli, Amir, ME Apr. 90, p211-220

Cook, E. Lynn
Partnering: Contracting for the Future, with Donn E. Hancher, ME Oct. 90, p431-446

Dammeier, Bruce F.
see Jahren, Charles T., ME Jan. 90, p39-46

Denes, Thomas A.
disc. (of Cost Comparison Model for Contracting Out Government Services, by David A. Jarrell and Miroslaw J. Skibniewski, ME July 88, p260-271), ME Jan. 90, p125-126

Diaz, W. P. S.
Circular Organizational Structure for Project Teams, ME Oct. 90, p471-478

East, E. William
see Lutz, James D., ME July 90, p296-312

Frano, Andrew J.
Pricing Hazardous-Waste Risk, ME Jan. 90, p76-86

Gustafson, George D.
Why Project Peer Review?, ME July 90, p350-354

Hampton, Delon
Consulting Engineer's View of Governmental Overhead and Audits, ME Apr. 90, p145-151

Hancher, Donn E.
see Cook, E. Lynn, ME Oct. 90, p431-446
see Lutz, James D., ME July 90, p296-312

Hensey, Melville
Organizational Design: Some Helpful Notions, ME July 90, p262-269
see Lockwood, William D., ME July 90, p313-322
see Taylor, D. Hugh, ME Apr. 90, p157-161

Hobel, Marlene A.
see Saarinen, Arthur W., Jr., ME Apr. 90, p177-185

Ibbs, C. W.
see Choi, K. C., ME Oct. 90, p394-415

Jahren, Charles T.
Investigation Into Construction Disputes, with Bruce F. Dammeier, ME Jan. 90, p39-46

Jarrell, David A.
Cost Comparison Model for Contracting Out Government Services, ME July 88, p260-271
disc: Ken Cerotsky, ME Jan. 90, p124-128
disc: Thomas A. Denes, ME Jan. 90, p125-126

Johnson, Frank Pierce
Competition Leads to Losing, ME July 90, p258-261

Laufer, Alexander
Decision-Making Roles in Project Planning, ME Oct. 90, p416-430
Essentials of Project Planning: Owner's Perspective, ME Apr. 90, p162-176

Lincoln, David R.
see Brown, Stuart M., ME Oct. 90, p479-500

Lockwood, William D.
Managing Civil Engineering Innovation: An Interview, with Melville Hensey, ME July 90, p313-322

Lunch, Milton F.
The Liability Crisis—Revisited, ME Apr. 90, p197-202

Lutz, James D.
Framework for Design-Quality-Review Data-Base System, with Donn E. Hancher and E. William East, ME July 90, p296-312

Maschi, Johannes J.
see Tavakoli, Amir, ME Apr. 90, p211-220

Mitchell, Stephen C.
Understanding and Managing Public/Private Partnerships, ME Jan. 90, p29-38

Norris, William E.
Margin of Profit: Teamwork, ME Jan. 90, p20-28

Novick, David
Life-Cycle Considerations in Urban Infrastructure Engineering, ME Apr. 90, p186-196

Overstreet, E. Louis
A/E Selection Process for Public-School Districts, ME Oct. 90, p447-457

Payne, John L.
Entrepreneurs in Engineering Organizations, ME Apr. 90, p152-156

Poirot, James W.
Practitioners in Classroom: Viable Tool in Civil Engineering Education, ME Oct. 90, p388-393

Powell, Michael G.
see Bradley, Robert M., ME Jan. 90, p99-106

Riachi, Roger
see Tavakoli, Amir, ME July 90, p282-295

Russell, Jeffrey S.
Model for Owner Prequalification of Contractors, ME Jan. 90, p59-75
Surety Industry: Overview, ME July 90, p323-341

Saarinen, Arthur W., Jr.
Setting and Meeting Requirements for Quality, with Marlene A. Hobel, ME Apr. 90, p177-185

Shively, John E.
Survey of Quality-Assurance Procedures Within Consultant Industry, ME Oct. 90, p378-387

Skibniewski, Miroslaw J.
see Cerotsky, Ken, (disc), ME Jan. 90, p124-128
see Denes, Thomas A., (disc), ME Jan. 90, p125-126
see Jarrell, David A., ME July 88, p260-271

Soulsby, Michael R.
see Bradley, Robert M., ME Jan. 90, p99-106

Sumanth, David J.
Practical Implementation of Total Productivity Model in Bus System, with Bakulesh Adya, ME Apr. 90, p221-234

Tatum, C. B.
Integration: Emerging Management Challenge, ME Jan. 90, p47-58

Tavakoli, Amir
CPM Use in ENR Top 400 Contractors, with Roger Riachi, ME July 90, p282-295
Effective Progress Scheduling and Control for Construction Projects, ME Jan. 90, p87-98
FLEET: Equipment Management System, with Johannes J. Masehi and Cynthia S. Collyard, ME Apr. 90, p211-220

Taylor, D. Hugh
Financial Issues in Engineering Management: Interview, with Melville Hensey, ME Apr. 90, p157-161

Thompson, Everett S.
Performance Evaluations: Key to People Development, ME Oct. 90, p373-377

Tiong, Robert L. K.
Comparative Study of BOT Projects, ME Jan. 90, p107-122

Wallace, William A.
see Brown, Stuart M., ME Oct. 90, p479-500

Wuellner, William W.
Project Performance Evaluation Checklist for Consulting Engineers, ME July 90, p270-281

Yeo, K. T.
Risks, Classification of Estimates, and Contingency Management, ME Oct. 90, p458-470